This Page Is Inserted by IFW Operations and is not a part of the Official Record

BEST AVAILABLE IMAGES

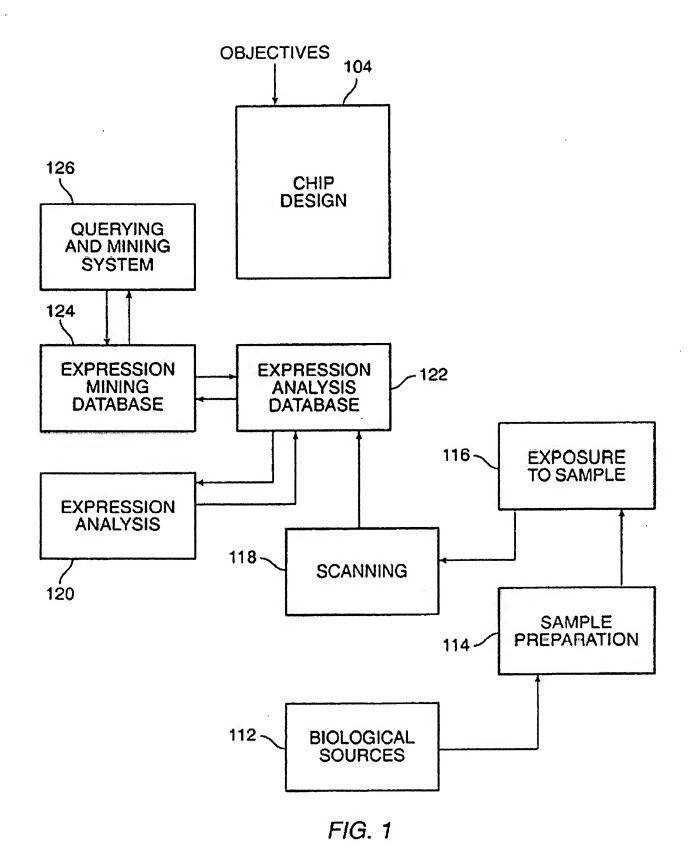
Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

As rescanning documents will not correct images, please do not report the images to the Image Problem Mailbox.



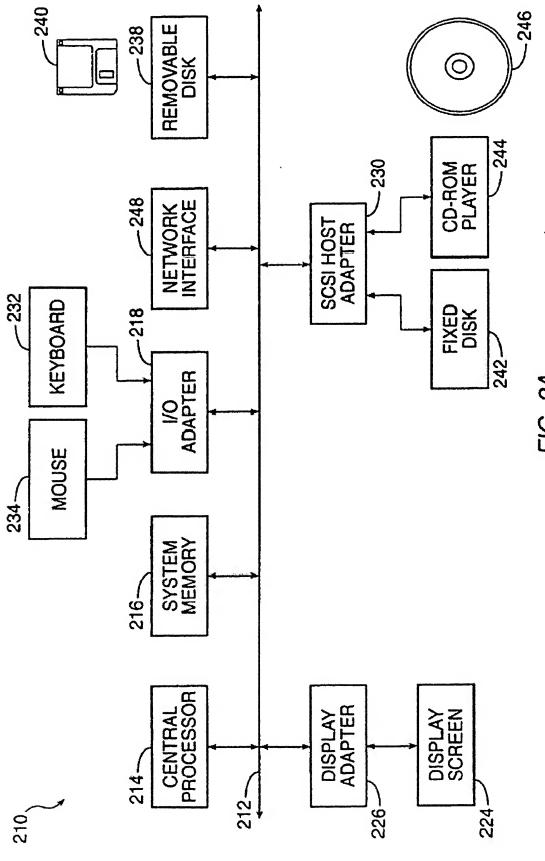


FIG. 2A

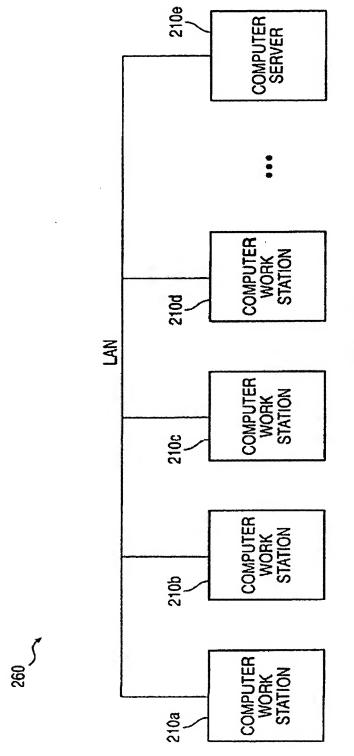
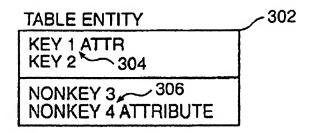
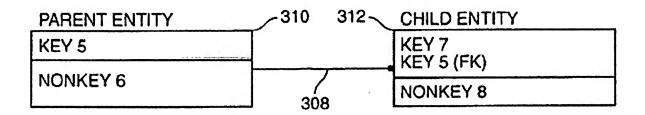


FIG. 2B





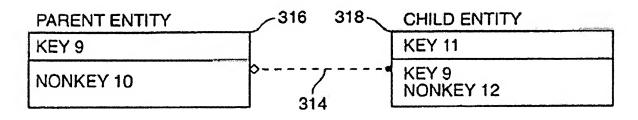


FIG. 3

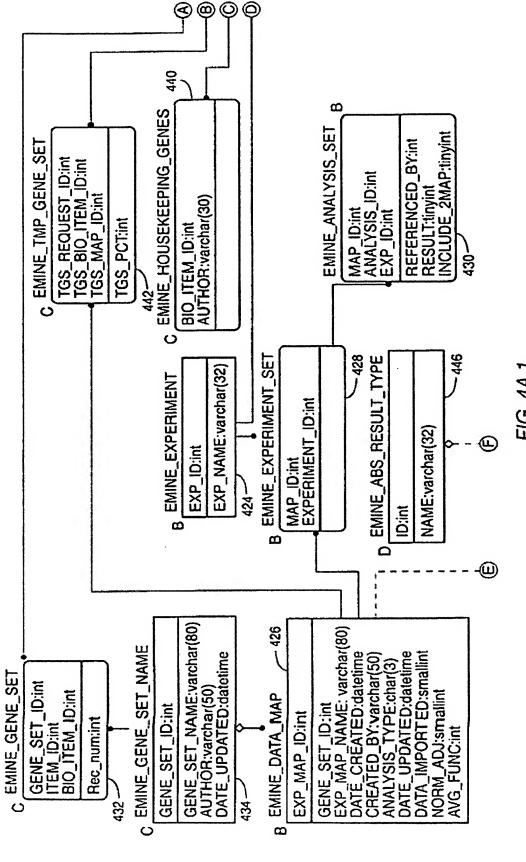


FIG. 4A.1

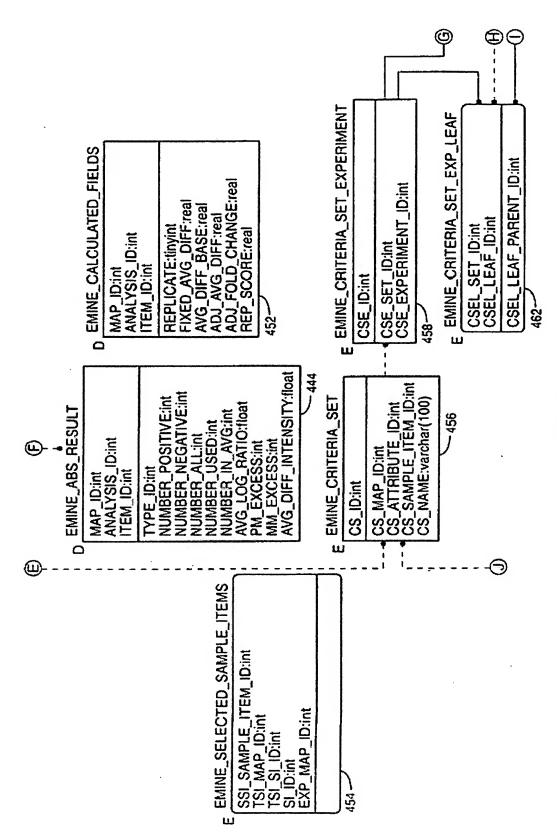


FIG. 4A.2

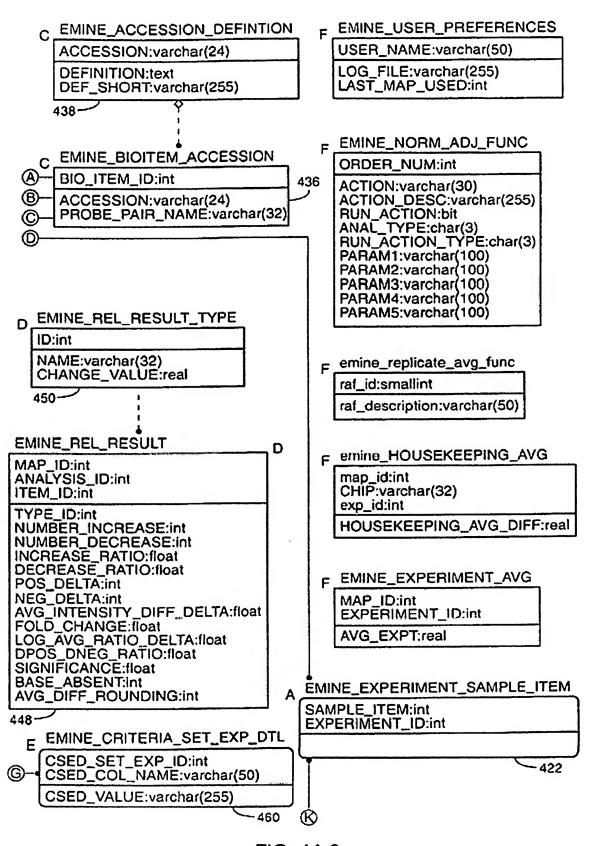


FIG. 4A.3

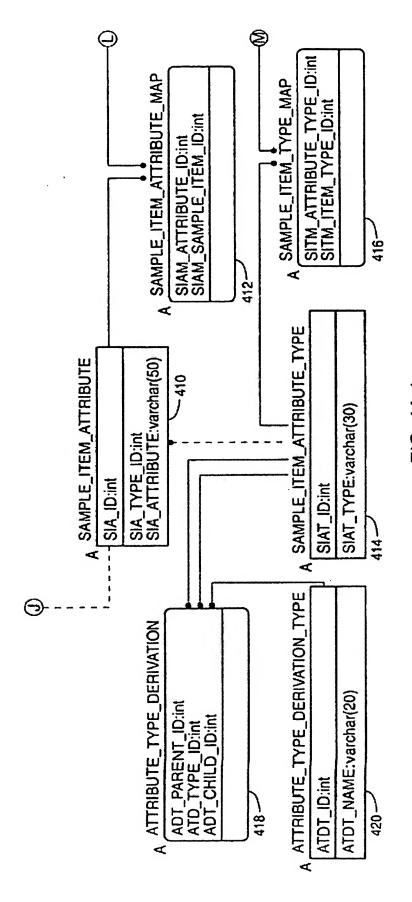


FIG. 4A.4

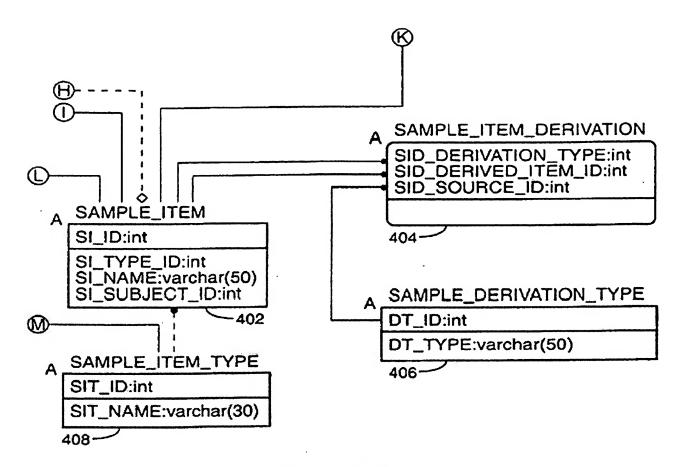


FIG. 4A.5

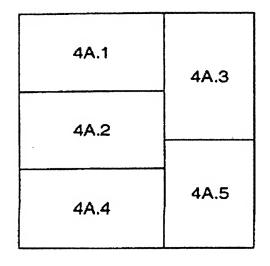


FIG. 4A

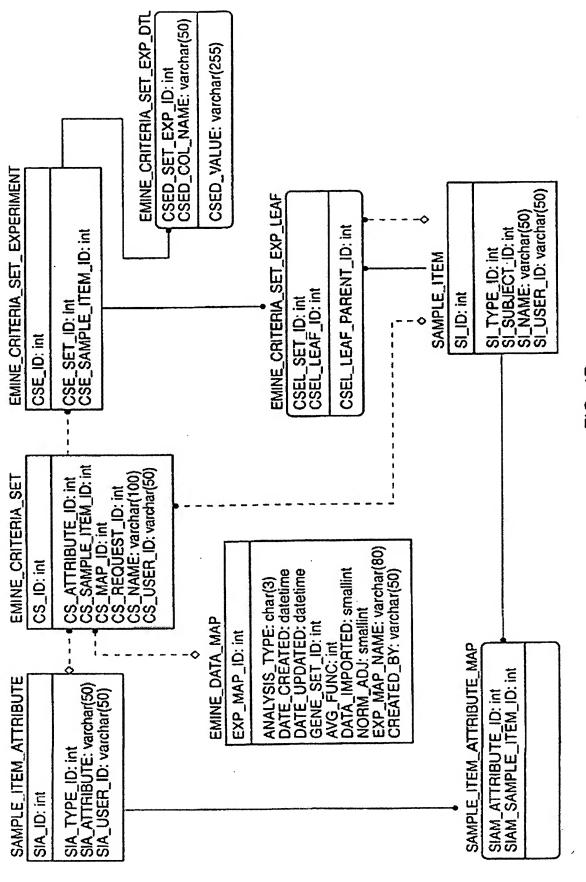


FIG. 4B

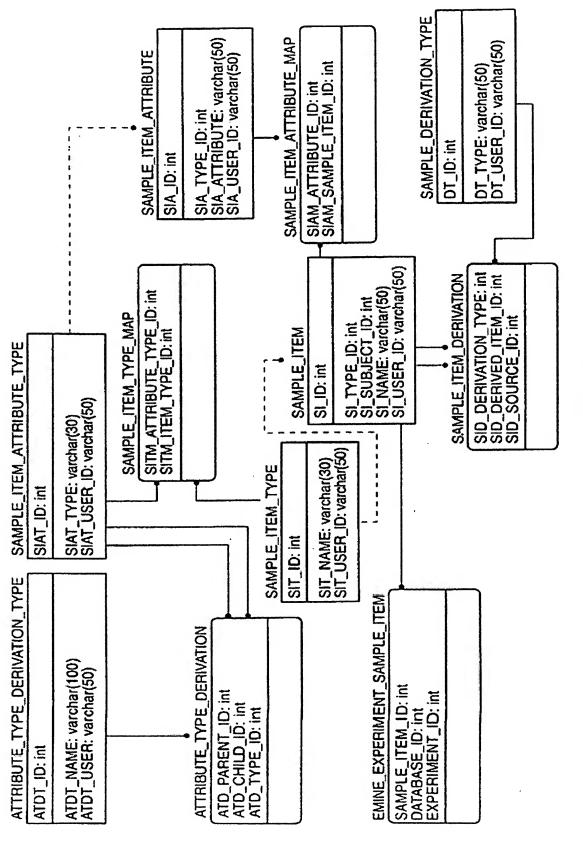


FIG. 4C

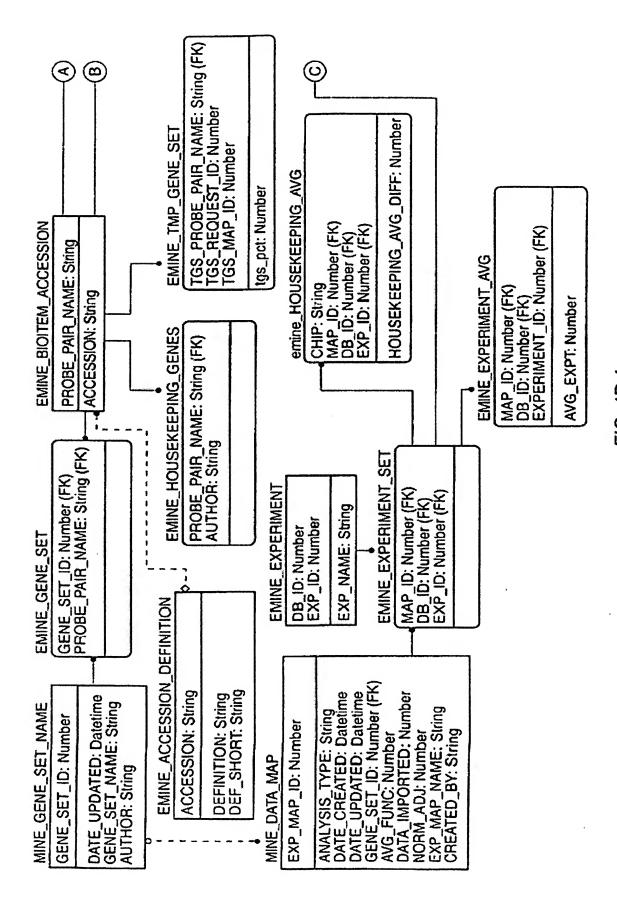


FIG. 4D.1

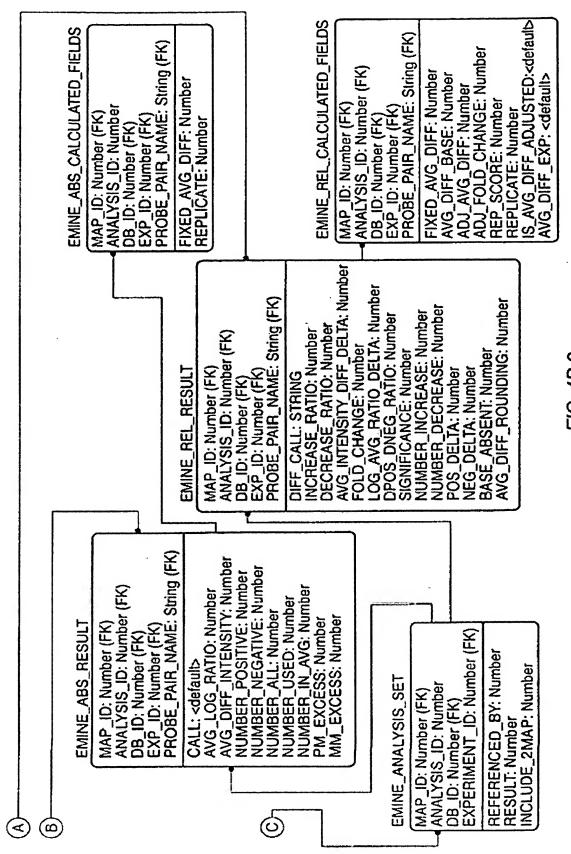


FIG. 4D.2

FIG. 4F

EMINE_REPLICATE_AVG_FUNC
RAF_ID
RAF_DESCRIPTION

EMINE_NORM_ADJ_FUNC
ORDER_NUM
RUN_ACTION
ACTION
ACTION
ACTION
PARAM1
PARAM2
PARAM3
PARAM4
PARAM4

EMINE_USER_PREFERENCES
USER_NAME
UPDATE_BIO_REF
LAST_MAP_USED
LAST_DB_ID
LOG_FILE

EMINE_SELECTED_SAMPLE_ITEMS
SSI_MAP_ID
SSI_SAMPLE_ITEM_ID

EMINE_TMP_SAMPLE_ITEM_ID
TSI_MAP_ID
TSI_SI_ID

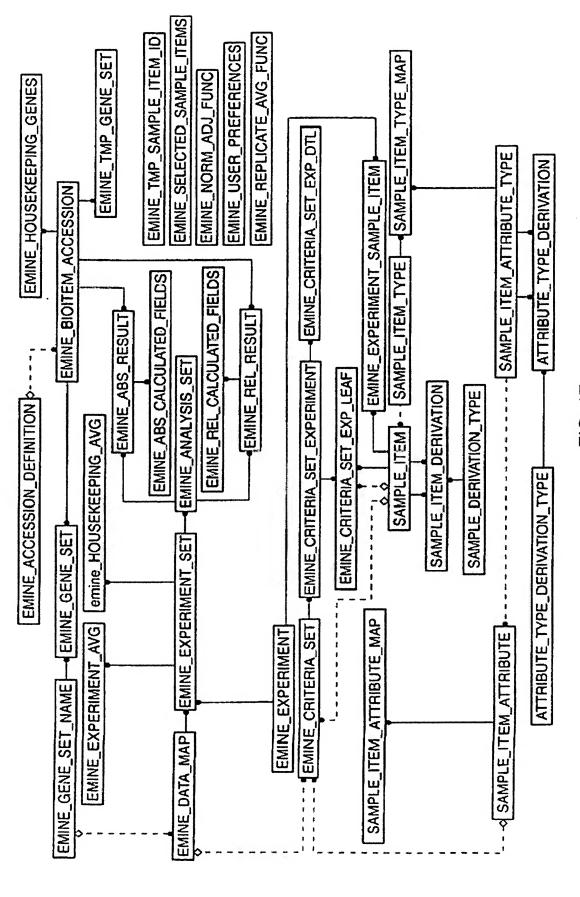


FIG. 4F

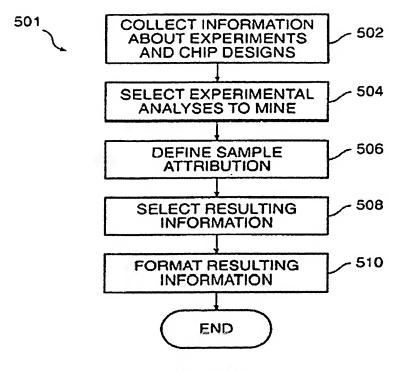


FIG. 5A

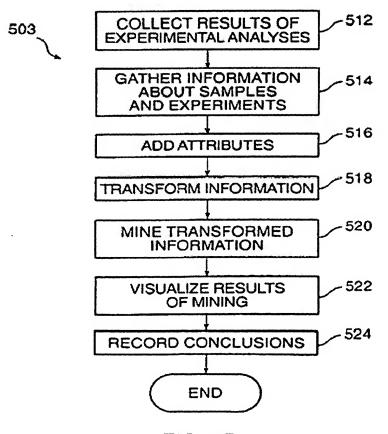
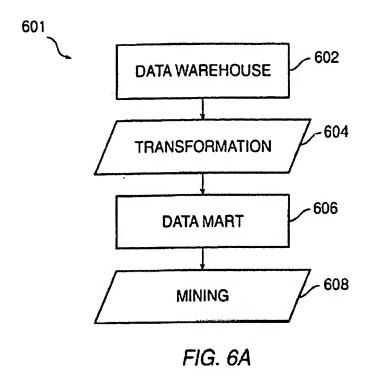


FIG. 5B



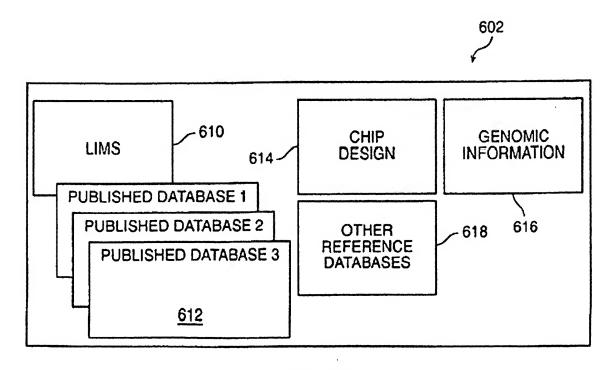
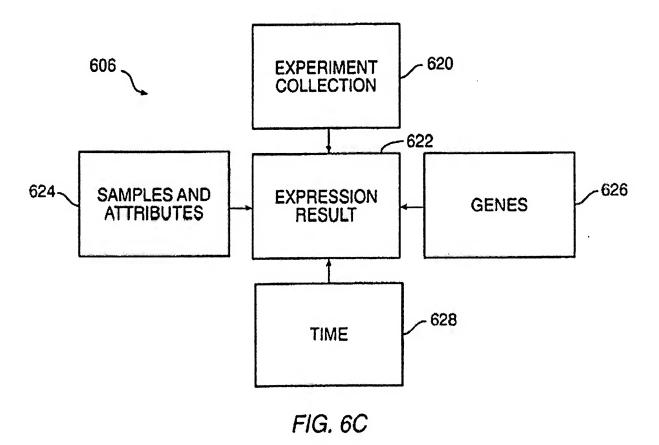


FIG. 6B



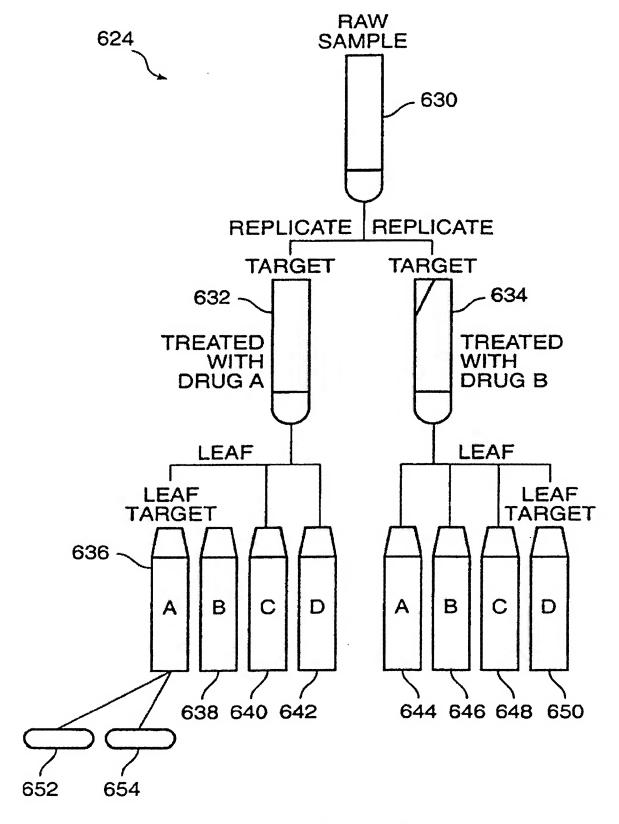


FIG. 6D

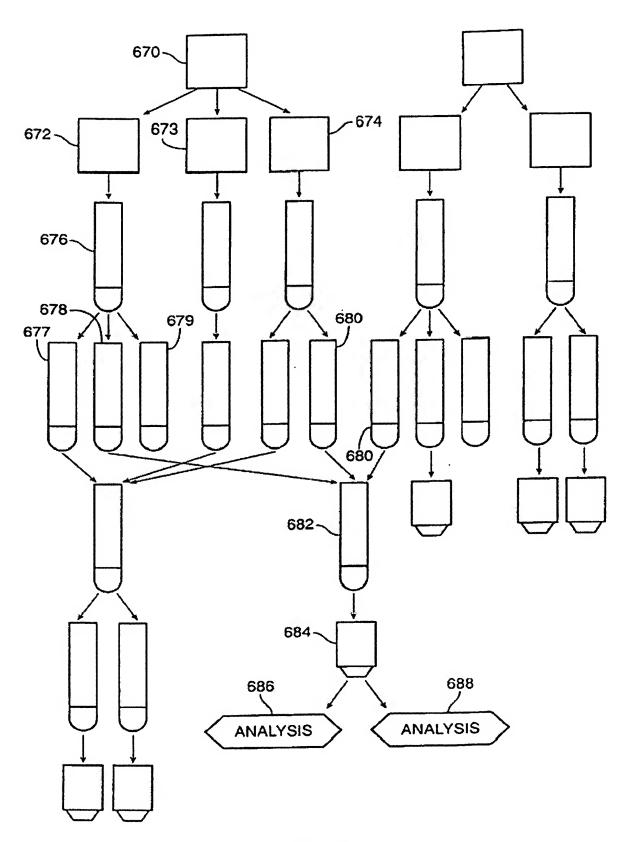


FIG. 6E

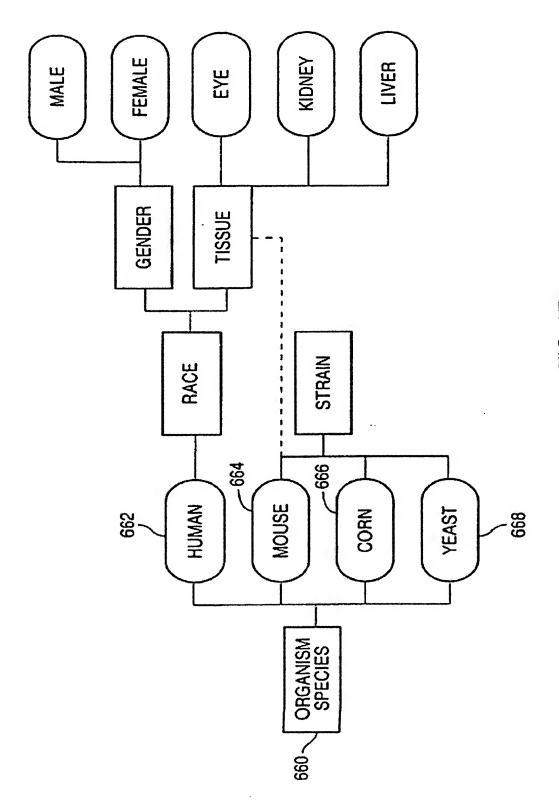


FIG. 6F

			Alberta.	Andrews	trijaja. Valinami	d.ve.	A CONTRACTOR	l
4			14.710V5					
						1001		图像 扩
		g i		Maxical a				
		ig ig ig				inge Lendolii		377.15
		drug lespor publish lext públish lext					Wising !	No.
		15 272 7					dalah Kat	
		Abb plukki esta REL: dug jesponsek ABS publish jexk						
					37/1			
								3.73
								<u>C</u> ancel
	<i>33</i> 36	3 88 88 88						Į į
		A A B						
		888						
	eni Collection from the fist and piess Next	5/12/59 10:00:42 AM : sa 5/12/59 10:00:42 AM : sa 5/12/59 10:00:42 AM : sa						5
	· · · · · · · · · · · · · · · · · · ·	ରି ପି ରାଟ						Select
Joig	, j				1			
100	16 R				N 732	4.4		
	, E						. (E)	
ent Collection	4 ₹ 5						Delete /	÷
12.3								Next
	ু উ	ABS REC						
Selected Experim Experiment Collection	Select Experime	57. Demosi 69. Tulank Al 70. =Tulank R					To a	70730
1 3 · 5		HALL					New New	
		2 to 8 to			14.° (4.1			
	· · · · · · · · · · · · · · · · · · ·	/			i Paris			Previous
Selected Experim	N. P.	2				195 A		
911 - 75		18. J. S. S. P. P. S.						

FIG. 7A

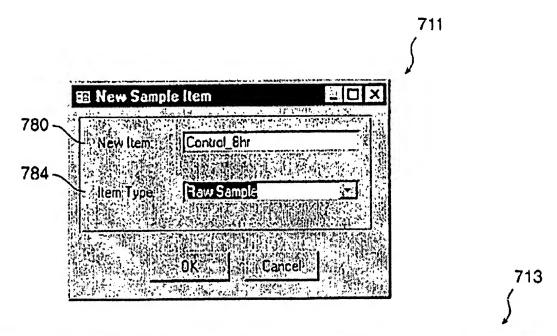
FIG. 7B

FIG. 70

	Child Samble Item		Sa	Sample Item Type		771 Parent Sample Item	lem .	Y	行政
尹	sample item*	type ===	Ş	Target		sample tem : Vige 25 deivation	Sadd)	deiivalior	
	(Who complete the	lear law			30min-control ab 2hricontrol ab 2hriHV, ab 4hricontrol ab 4hricontrol ab 6hricontrol ab 6hriny ab 16hriny ab 16hriny ab 16hriny ab 16hriny ab 16hriny ab 16hriny ab 17hriny ab	Attribute 7.772 Bhu Projecti	72 Figure 1 Fine Paints Project 2		Sample Sample Sumple Show in Vision

FIG. 7D

FIG. 7E



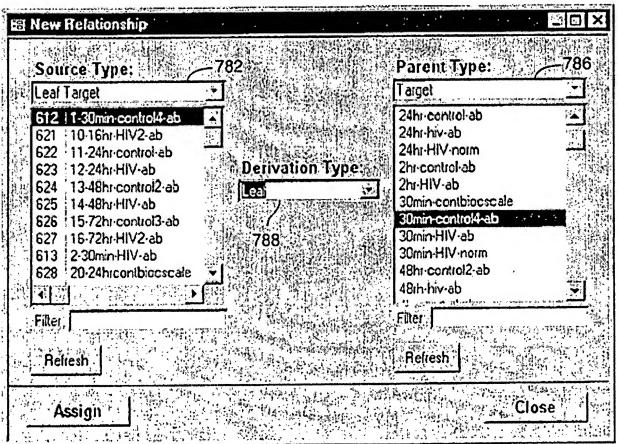


FIG. 7F

790

FIG. 7G

796

FIG. 7H

EXPERIMENT 1.30min-control
ENT : 810/TEM : CALL : CALL : Short :
ontrol AB000449 at P ontrol AB000460 at P ontrol AB001105 at P ontrol AB001325 at P ontrol AB002556 s at P ontrol AB002559 at P ontrol AB003102 at P ontrol AB003102 at P ontrol AB003698 at P
antrol. AB000460 at P antrol. AB001106 at P antrol. AB001325 at P antrol. AB002533 at P antrol. AB002533 at P antrol. AB00253 at P antrol. AB003102 at P antrol. AB003693 at P antrol. AB003693 at P antrol. AB003693 at P
1.30min-control. AB000468 at P 1.30min-control. AB001325 at P 1.30min-control. AB002559 at P 1.30min-control. AB002559 at P 1.30min-control. AB002559 at P 1.30min-control. AB00359 at P 1.30min-control. AB003898 at P 1.30min-control. AB003898 at P
1.30min-control. AB001105_ at P 1.30min-control. AB002355_ st P 1.30min-control. AB002553_ at P 1.30min-control. AB002559_ at P 1.30min-control. AB003593_ at P 1.30min-control. AB003893_ at P 1.30min-control. AB003893_ at P 1.30min-control. AB004884_ at P
AB003356 s at P AB002533 at P AB002533 at P AB003102 at P AB003177 at P AB003698 at P
AB002356 s al P AB002533 at P AB00259 at P AB003102 at P AB00302 at P AB003688 at P
AB002533 at P AB002559 at P AB003177 at P AB003893 at P AB004884 at P
AB00259 at P AB003102 at P AB003177 at P AB003698 at P
AB003102 at P AB003698 at P AB004884 at P
1-30min-control, AB0C3693_at P 1-30min-control, AB0C3693_at P 1-30min-control, AB0C4684_at P
1-30min-control: AB004884 at P
1-30min-control AB004884 at P
30min-control4-: 1-30min-control-AB006190_at P
1-30min-control, ACDIO0064_cds P
1-30min-control AC002045_xpt2 P
30min-control AC002115_cds/P
30min control AC002115_ma2P
30min-control, AD000092_cds/P
30min-control4-: 1-30min-control-AF000177_at P
30min-control AFODS084_at P_
30min control,
20min-control4-: 1-30min-control AF007875 at P
Junin-control AF009388 at P
30min-control4-s1-30min-control. AF015913_at P
Reconstitution of the particle
日本の一個の一個の一個の一個の一個の一個の一個の一個の一個の一個の一個の一個の一個の

12 513

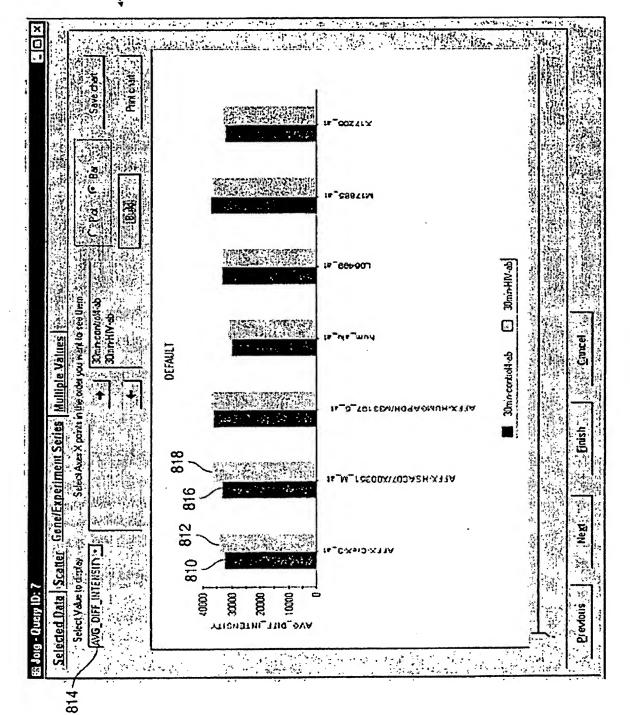


FIG. 7J

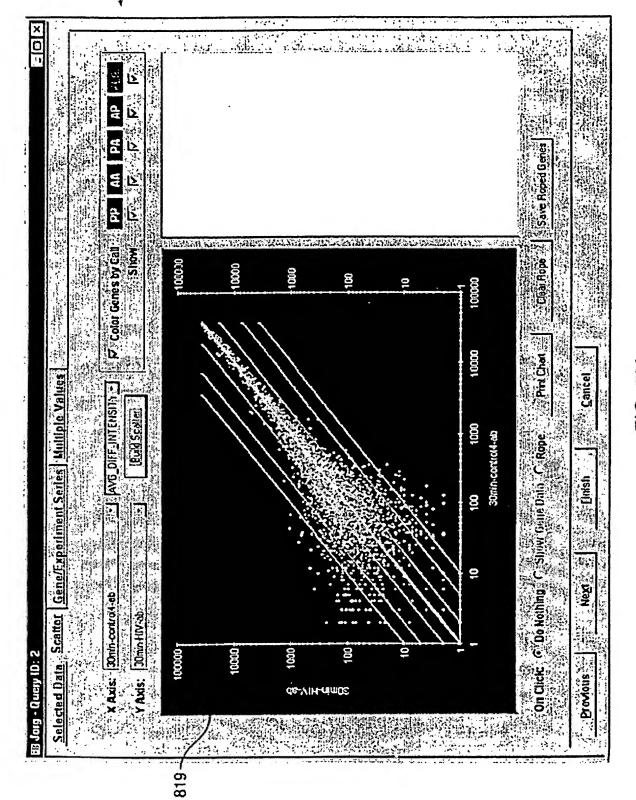
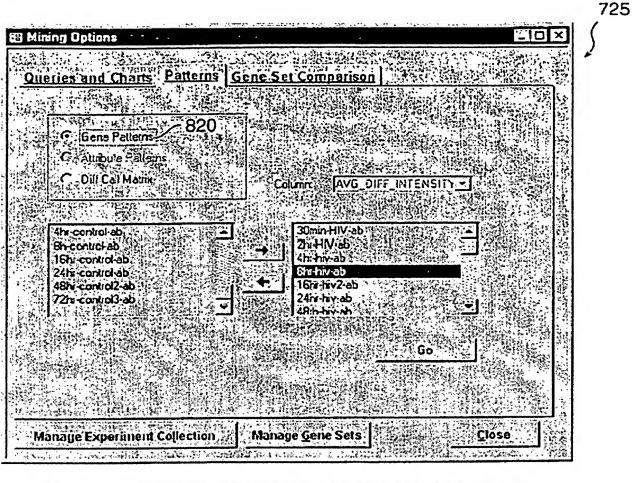


FIG. 7K



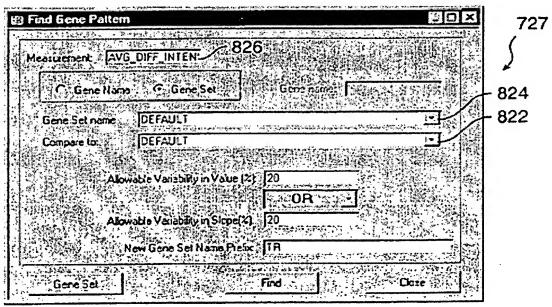
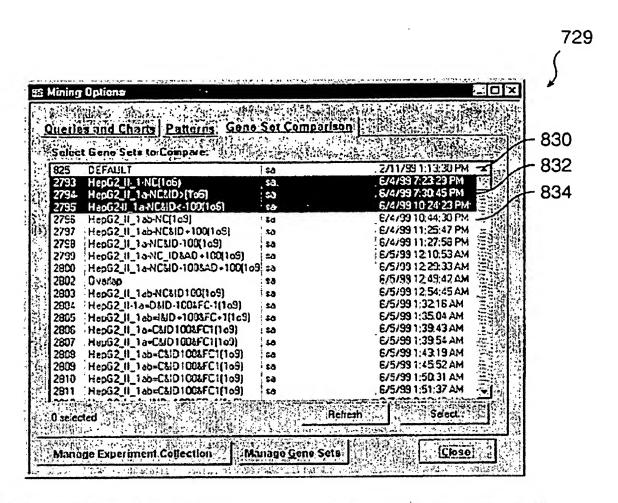


FIG. 7L



न ।	GeneSets_Compare: F	ANTES	EOR	图 73
* * * *				
	HepG2 II 1-NC(106)	HepG2_II_1a-NCID>(1o6)	HepG2-II_1a-NCID<-100(166)	
122			836	
\$ 33				341 334
		——————————————————————————————————————		
Alexander	AND LOCATION OF THE PARTY OF TH		The second secon	
18%				
			nerver a Securitation of the security	
J.Rc	cord (14/4)	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Ş.
			A STATE OF THE STA	
Enl	er name of new Gene S	et Here: Geneset 2 of 3		
**			Creale Gene Set	7.2
Ĩ.,				

FIG. 7M

99	题 Genes			×
	Select Gene S	er (DEFAULT	A CASE OF THE SECOND SE	
	Double-click on Accession to go	Copy My Gene Sel	Copy Other User Gene Set New Gene Set Delete Gene Set	
	io Entez ACCESSION	PROBE PAIR NAME	DEFINITION	
	[-Apr	- Apr		idals:
	A28102	A28102_8L	Human GABAe receptor alpha-3 subunit.	ķ.≟
	AB000114	AB000114_st	Human mRNA for osteomodulin, complete cds	,
	. AB000115	AE000115 et	Human mRNA, complete cds	
	AB000220	AB000220_st	Human mRNA for semaphorin E, complete cds	
	AB000381	AB000381_s_at	Human DNA for GPI-anchored molecule fike protein, complete cds	
. :	AB000409	g AB000409_et	Human mRNA for MNK1, complete cds	2
	AB000410	AE000410_s_at	Human hOGG1 mRNA, complete cds	
- 1	AB000449	AB000449_st	Human mRNA for VRK1, complete cds	
^ \\.	AB000450	AB000450_at	Human mRNA for VRK2, complete cds	NEE,
<i>:::</i>	AB000460	AE000460_at	Human mRNA, ctone RES4-22B, complete cds	
	AB000462	. AB000462_et	Hunan mRNA for SH3 binding protein, clone RES4-23A, complete cr	
· · · · · · · · · · · · · · ·	Add Genes	Remove Genes	Total Genes: 35620	
			では、日本のは、日本のは、日本のは、日本のは、日本のは、日本のは、日本のは、日本の	25.5

X D	Filter C. F. Heselt C. F.	spo spo	CA4) mHNA, completed and compl	plete dos	, complete cds	complete cds	to SP.GRPE_YEAST	ste cds			ns Alu repetitive eleme	Remove Genes
The second secon		Homo sapiens phospholipase C-beta-2 mRNA, complete cds yb27h05.s1 Homo sepiens cDNA clone 72441 3'.	Human plasma membrane calcium pump ng ATPase (PMCA4) mHNA, complet	Homo sapiens UNA-binding plotein (PU-bA) mHNA, complete cas Human placental protein (PP11) mRNA, complete cds >0-100 -1 Homo casions CDNA Alona 72/97 3'	yuzoutus, i rituinu sepietis coltas dolta respira. Human peroxisome proliferator activated receptor mRNA, complete cds	Human peroxisome proliferator activated receptor mPINA, complete cds	yb54g11.s1 Homo sapiens cDNA clone 75044 3' similaı to SP:GRPE_YEAST	Human colon carcinoma kinase-4 (CCK4) mRNA, complete cds			vb29q09,s1 Homo sapiens cDNA clone 72640 3' contains Alu repetitive eleme	Remove Gene
The same and the s	Juo	Homo sapiens yb27h05.s1 H	Human plasm	Homo sapiens Human placer	Human peroxi	Human peroxi	yb54g11.s1 H	Human colon		augustophilip also anno	yb29q09.s1 H	
Set	Definition	1-4pr 1000M95678 1000T51617		1003L14922 1003M32402		1004T51849_i 1004T51849_i 1005_07592			100 51 52003 • 1006163591		1007152014	
田 Updated Gene Sol	Accession	т Арг М95678 ₹ 151617		M32402	102932	T51849 T51849 L07592	751856 36 T51955	U33635 U33635 T52003	752003 (16359)	T70046	T52014	

FIG. 70